# IAP12 Rec'd PCT/PTO 1 6 JUN 2006

# CD107PCT.ST25.txr SEQUENCE LISTING

```
<110> CropDesign N.V.
<120> Plants having modified growth characteristics and method for
      making the same
<130> CD-107-PCT
<150> EP 03104764.0
<151> 2003-12-17
<150> US 60/531,866
<151> 2003-12-22
<160> 7
<170> PatentIn version 3.3
<210> 1
<211> 1380
<212> DNA
<213> Nicotiana tabacum
<400> 1
atgggtgaca tgaaggataa agtcaaaggg ttcatgaaaa aagtcacatc ttcttcttca
                                                                      60
ggtaagttta aaggccaagg tagggttttg ggtggttcat cttcttcagg accctcaaat
                                                                     120
catgicaata attiticato acateceeta aatacaagge aagateaaca aceticatat
                                                                     180
acaaaaactt cgcctcaaaa accaagtaat tctgatcaaa gaattgagaa tatatgtgaa
                                                                     240
                                                                     300
attcagttca acaaaagtga atcaaaggat ggttttgatc catttggtga attagtcact
                                                                     360
tctgggaaga gaaacccaaa agggtattca cttactaatg tgtttgaatg ccctgtctgt
ggtagtggtt ttgtttctga agaagaggtg tcaactcata ttgatagctg tttaagttct
                                                                     420
gaagtgtctt ctaatttggg agttgaaagt aaagttgaag ttaaaagtga attggaaaca
                                                                     480
tgtgttagtg catatgtttc agggaagccc tcagaagggt cagttgaagt ggtcattaag
                                                                     540
                                                                     600
ttgttaaaga atattgtgaa ggaaccagag aatgccaagt ttaggaaaat aaggatgggg
                                                                     660
aatccaaaaa taaaaggtgc tataggtgat gttgtaggag gagtggagct attggaattt
                                                                     720
gttggatttg agttgaaaga agaaggtggg gaaatttggg ctgtgatgga tgttccttct
                                                                     780
qaagaacaac ttgttatgct taagaatgta gtttcactct tggaaccgaa gaaggttgaa
                                                                     840
gagttggcgt ccttatccca agttaaggcg agtgaaccag ttgagccgaa gaagattgat
                                                                     900
agacagattc gagtgttctt ttctgttccc gagagcgtag cagcaaaaat tgagctacct
                                                                     960
gattccttct ttaacctctc acgtgaggaa ttgagaagag aagcagagat gaggaagaag
                                                                    1020
aaattagaag attccaaatt attgattcct aaatcttatc gggaaaagca ggcaaaagct
gcaagaaaga agtacacaaa atccattatc cgtgtacagt ttccagatgg agcattgctt
                                                                    1080
caaggtgtct ttctaccttc ggagccaact agtgctcttt atgagtttgt gagcgcagcg
                                                                    1140
ttaaaggaac caagcttaga gttcgaattg ttacatccgg tgcttgttaa aaagcgggtg
                                                                    1200
attccccatt ttccagctgc tggggagagg gctgtaacag ttgaagagga ggatttggtt
                                                                    1260
                                                                    1320
cctgcagctc tactcaaatt taaacctatc gaaacagatt ctgttgtttt tactggtctt
                                                                    1380
tgtaatgagc ttcttgaaat tagcgagccc ctcgagaccg gatcagttgc ttcctcgtaa
<210> 2
<211> 459
<212> PRT
<213> Nicotiana tabacum
<400> 2
Met Gly Asp Met Lys Asp Lys Val Lys Gly Phe Met Lys Lys Val Thr
Ser Ser Ser Gly Lys Phe Lys Gly Gln Gly Arg Val Leu Gly Gly
```

Page 1

# CD107PCT.ST25.txr

			CD107PCT.ST25.txr												
			20					25					30		
Ser	Ser	Ser 35	Ser	Gly	Pro	Ser	Asn 40	His	Val	Asn	Asn	Phe 45	Ser	Ser	His
Pro	Leu 50	Asn	Thr	Arg	Gln	Asp 55	Gln	Gln	Pro	Ser	Tyr 60	Thr	Lys	Thr	Ser
Pro 65	Gln	Lys	Pro	Ser	Asn 70	Ser	Asp	Gln	Arg	Ile 75	Glu	Asn	Ile	Cys	Glu 80
Ile	Gln	Phe	Asn	Lys 85	Ser	Glu	Ser	Lys	Asp 90	Gly	Phe	Asp	Pro	Phe 95	Gly
Glu	Leu	Val	Thr 100	Ser	Gly	Lys	Arg	Asn 105	Pro	Lys	Gly	Tyr	Ser 110	Leu	Thr
Asn	Val	Phe 115	Glu	Cys	Pro	Val	Cys 120	Gly	Ser	Gly	Phe	Val 125	Ser	Glu	Glu
Glu	Val 130	Ser	Thr	His	Ile	Asp 135	Ser	Cys	Leu	Ser	Ser 140	Glu	Val	Ser	Ser
Asn 145	Leu	Gly	Val	Glu	Ser 150	Lys	Val	Glu	Val	Lys 155	Ser	Glu	Leu	Glu	Thr 160
Cys	Val	Ser	Ala	Tyr 165	Val	Ser	Gly	Lys	Pro 170	Ser	Glu	Gly	Ser	Val 175	Glu
Val	Val	Ile	Lys 180	Leu	Leu	Lys	Asn	Ile 185	Val	Lys	Glu	Pro	Glu 190	Asn	Ala
Lys	Phe	Arg 195		Ile	Arg	Met	Gly 200	Asn	Pro	Lys	Ile	Lys 205	Gly	Ala	Ile
Gly	Asp 210	Val	Val	Gly	Gly	Val 215	Glu	Leu	Leu	Glu	Phe 220	Val	Gly	Phe	Glu
Leu 225	Lys	Glu	Glu	Gly	Gly 230		Ile	Trp	Ala	Val 235	Met	Asp	Val	Pro	Ser 240
Glu	Glu	Gln	Leu	Val 245	Met	Leu	Lys	Asn	Val 250	Val	Ser	Leu	Leu	Glu 255	Pro
Lys	Lys	Val	Glu 260		Leu	Ala	Ser	Leu 265	Ser	Gln	Val	Lys	Ala 270	Ser	Glu
Pro	Val	Glu 275		Lys	Lys	Ile	Asp 280	Arg	Gln	Ile	Arg	Val 285	Phe	Phe	Ser
Val	Pro 290		Ser	Val	Ala	Ala 295	Lys	Ile	Glu	Leu	9rc 300	Asp	Ser	Phe	Phe
Asn 305		Ser	Arg	Glu	Glu 310		Arg	Arg	Glu	Ala 315	Glu	Met	. Arg	Lys	320
Lys	Leu	Glu	Asp	Ser 325		Leu	Leu	Ile	9ro 330	Lys	Ser	Tyr	Arg	335	Lys

PCT/EP2004/053594 WO 2005/059147

#### CD107PCT.ST25.txr

```
Gln Ala Lys Ala Ala Arg Lys Lys Tyr Thr Lys Ser Ile Ile Arg Val
                                345
Gln Phe Pro Asp Gly Ala Leu Leu Gln Gly Val Phe Leu Pro Ser Glu
                            360
Pro Thr Ser Ala Leu Tyr Glu Phe Val Ser Ala Ala Leu Lys Glu Pro
Ser Leu Glu Phe Glu Leu Leu His Pro Val Leu Val Lys Lys Arg Val
                    390
Ile Pro His Phe Pro Ala Ala Gly Glu Arg Ala Val Thr Val Glu Glu
                                    410
Glu Asp Leu Val Pro Ala Ala Leu Leu Lys Phe Lys Pro Ile Glu Thr
            420
                                425
Asp Ser Val Val Phe Thr Gly Leu Cys Asn Glu Leu Leu Glu Ile Ser
Glu Pro Leu Glu Thr Gly Ser Val Ala Ser Ser
                        455
<210> 3
<211> 1311
<212>
       DNA
<213> Saccharum officinarum
<220>
<221> misc feature
<222> (277)..(279)
<223> n can be any nucleotide
<400> 3
                                                                       60
atgatgaagg acaagatgaa ggagttcatg aagaaggtca cctcctccgg gtccgggacc
                                                                      120
contected teaagggear eteccacgte eteggeteeg geoceteece etecteetee
                                                                      180
caccccgctg cccgctcctc aaaccctagc ccaaacctca ggcccgctcc taagcggacc
tegecaceta eccegeceae titaaceace gattigacet cetteaegee ectegtetge
                                                                      240
                                                                      300
tactectece geogeologia egegaaegge acegegnnng eegtegecae egtegegtge
                                                                      360
cccagctgcg gagacgcgtt tccgtccgag ctcgccgtct ccgagcatct cgacggctgc
                                                                      420
ctcqcqtcqq cqqqqqqcqc ccqcqqcqc qccqccqcqt acctcqccqc cqacccqcct
                                                                      480
ccgcccgcgg cctccgtaga ggtggtcaaa cgcctgctgg gcaacctgct ccgggagccc
ggcaacgata agttcaggcg ggtgagattg ggtaacccgc ggatcaagga ggccctggca
                                                                      540
gacagggatg gcggggtgga gctcctggag gccgtcggct tcacagttgg ggatgagggc
                                                                      600
                                                                      660
ggggagccct tcgccgtgat ggacgaagtg cctagcgacc ctaggctcaa cgggatcagg
agggccgtcc tcctgctcga gggggcacac ccctctgcgc ctccagtgaa ggcggaggct
                                                                      720
                                                                      780
gaggccaagg agagctgcag caatgtgtct gacgtgcagg agggtgctaa gactattgat
                                                                      840
cggcagattc gggtatttgt ctctgttcct gggagttcta tggcacaaaa tgatgtacca
gattettttt acaagettag tggtgaggag ataaggaatg aagcaaagat gaggagggaa
                                                                      900
                                                                      960
aggttagaac aatctcgatt gctgatacca aagtcttaca aggagaaaca ggcattggct
                                                                     1020
qctcqacaqa agtataaaca agcagtcatt cgagttcagt ttccagatag aatgattctt
                                                                     1080
cagggcatat toctaccagg agaggccact agttcactgt atgagttcgt cacatetgct
                                                                     1140
ctgaagcaat caggtttgga attcgaactt atctctccag ccatacctaa gccacgtgtg
gtgccccatt ttccaaaccc gggagagcgg gcacgcacct tgcaagagga ggagctggtc
                                                                     1200
```

1260

1311

ccatctgcgc tcctcaagtt cattcccaag gagactgatt ccatggtttt caccggtttg

cttgatgagc ttctcatggc cagtgagccg cttcctgctg catcacaatg a

WO 2005/059147 PCT/EP2004/053594

### CD107PCT.ST25.txr

<211> 436 <212> PRT <213> Saccharum officinarum <220> <221> MISC\_FEATURE <222> (93)..(93) <223> Xaa can be any amino acid <400> 4 Met Met Lys Asp Lys Met Lys Glu Phe Met Lys Lys Val Thr Ser Ser Gly Ser Gly Thr Pro Ser Ser Phe Lys Gly Thr Ser His Val Leu Gly Ser Gly Pro Ser Pro Ser Ser Ser His Pro Ala Ala Arg Ser Ser Asn Pro Ser Pro Asn Leu Arg Pro Ala Pro Lys Arg Thr Ser Pro Pro Thr Pro Pro Thr Leu Thr Thr Asp Leu Thr Ser Phe Thr Pro Leu Val Cys Tyr Ser Ser Arg Arg Pro Asp Ala Asn Gly Thr Ala Xaa Ala Val Ala Thr Val Ala Cys Pro Ser Cys Gly Asp Ala Phe Pro Ser Glu Leu Ala 105 Val Ser Glu His Leu Asp Gly Cys Leu Ala Ser Ala Gly Gly Ala Arg 120 Ala Arg Ala Ala Ala Tyr Leu Ala Ala Asp Pro Pro Pro Pro Ala Ala Ser Val Glu Val Val Lys Arg Leu Leu Gly Asn Leu Leu Arg Glu Pro Gly Asn Asp Lys Phe Arg Arg Val Arg Leu Gly Asn Pro Arg Ile Lys 170 Glu Ala Leu Ala Asp Arg Asp Gly Gly Val Glu Leu Leu Glu Ala Val Gly Phe Thr Val Gly Asp Glu Gly Gly Glu Pro Phe Ala Val Met Asp Glu Val Pro Ser Asp Pro Arg Leu Asn Gly Ile Arg Arg Ala Val Leu Leu Leu Glu Gly Ala His Pro Ser Ala Pro Pro Val Lys Ala Glu Ala 230 Glu Ala Lys Glu Ser Cys Ser Asn Val Ser Asp Val Gln Glu Gly Ala 250

Lys Thr Ile Asp Arg Gln Ile Arg Val Phe Val Ser Val Pro Gly Ser

Page 4

PCT/EP2004/053594 WO 2005/059147

CD107PCT.ST25.txr												
260 265 270												
Ser Met Ala Gln Asn Asp Val Pro Asp Ser Phe Tyr Lys Leu Ser Gly 275 280 285												
Glu Glu Ile Arg Asn Glu Ala Lys Met Arg Arg Glu Arg Leu Glu Gln 290 295 300												
Ser Arg Leu Leu Ile Pro Lys Ser Tyr Lys Glu Lys Gln Ala Leu Ala 305 310 315 320												
Ala Arg Gln Lys Tyr Lys Gln Ala Val Ile Arg Val Gln Phe Pro Asp 325 330 335												
Arg Met Ile Leu Gln Gly Ile Phe Leu Pro Gly Glu Ala Thr Ser Ser 340 345 350												
Leu Tyr Glu Phe Val Thr Ser Ala Leu Lys Gln Ser Gly Leu Glu Phe 355 360 365												
Glu Leu Ile Ser Pro Ala Ile Pro Lys Pro Arg Val Val Pro His Phe 370 375 380												
Pro Asn Pro Gly Glu Arg Ala Arg Thr Leu Gln Glu Glu Glu Leu Val 385 390 395 400												
Pro Ser Ala Leu Leu Lys Phe Ile Pro Lys Glu Thr Asp Ser Met Val 405 410 415												
Phe Thr Gly Leu Leu Asp Glu Leu Leu Met Ala Ser Glu Pro Leu Pro 420 425 430												
Ala Ala Ser Gln 435												
<210> 5 <211> 3048 <212> DNA <213> Artificial sequence												
<pre>&lt;220&gt; &lt;223&gt; expression cassette comprising GRUBX (1011-2390) operably linked     to the prolamine promoter (1-654) and the T-Zein + T-Rubisco     deltaG terminator (2615-2808 and 2852-3048)</pre>												
<400> 5 cttctacatc ggcttaggtg tagcaacacg actttattat tattattat attattat aaaatatataa atagatcagt ccctcaccac aagtagagca agttggtgag tagcaacaggatgtattga aagtaattata actatatat ttcatattac aaacaagagt gtcaatggaa caatgaaaac catagacat actataattt tgttttatt attgaaatta tataattcaa agagaataaa tccacatagc cgtaaagttc tacatgtggt gcattaccaa aatatataa gcttacaaaa catgacaagc cgtaaagttc tacatgtggt gcattaccaa tatgacaat tagacaaac catagacaat tattatttc tttgctaccc atcatgacat tatgacataa tattatttc tttgctaccc atcatgata tatgatagc acaaagttac tttgatgatg atataaaaga acattttag gtgcacctaa cagaatatcc aaaataatatg actcactag atcataaaga agcatcaagt ggtgcacctaa atcctcaca atcctcaca accgatggga aagcatctat aaatagacaa gcacaatgaa aacatctaaa aatcctcaca atcctcaca accattcaaa tattatagtt gaagcatagt agtaatttaa aaaagcaggc tggtaccggt ccggaattcc cgggatatcg tcgacccacg cgtccgcaa tatcagattt cttcatgaa ctccacttcc Page 5												

PCT/EP2004/053594 WO 2005/059147

### CD107PCT.ST25.txr

```
aattteteat tgettettet teccatttee acetecaaag ceateettee agaaaacett
                                                                     840
gttccttaca tttcttagcc ccaaaaaaga ttcccatctc aattccacaa aaaaacacaa
                                                                     900
ggagatctaa ggaaattccc cgcctctata tatagagagg tggaattgtt cctgaatttg
                                                                     960
gtttgaattg attgattgac agattttggt gagagggtgt tattgaaaaa atgggtgaca
                                                                    1020
tgaaggataa agtcaaaggg ttcatgaaaa aagtcacatc ttcttcttca ggtaagttta
                                                                     1080
aaggccaagg tagggttttg ggtggttcat cttcttcagg accctcaaat catgtcaata
                                                                     1140
atttttcatc acatccccta aatacaaggc aagatcaaca accttcatat acaaaaactt
                                                                     1200
cgcctcaaaa accaagtaat tctgatcaaa gaattgagaa tatatgtgaa attcagttca
                                                                     1260
acaaaagtga atcaaaggat ggttttgatc catttggtga attagtcact tctgggaaga
                                                                    1320
gaaacccaaa agggtattca cttactaatg tgtttgaatg ccctgtctgt ggtagtggtt
                                                                     1380
ttgtttctga agaagaggtg tcaactcata ttgatagctg tttaagttct gaagtgtctt
                                                                    1440
                                                                     1500
ctaatttggg agttgaaagt aaagttgaag ttaaaagtga attggaaaca tgtgttagtg
catatgtttc agggaagccc tcagaagggt cagttgaagt ggtcattaag ttgttaaaga
                                                                     1560
atattgtgaa ggaaccagag aatgccaagt ttaggaaaat aaggatgggg aatccaaaaa
                                                                     1620
taaaaggtgc tataggtgat gttgtaggag gagtggagct attggaattt gttggatttg
                                                                     1680
                                                                     1740
agttgaaaga agaaggtggg gaaatttggg ctgtgatgga tgttccttct gaagaacaac
ttgttatgct taagaatgta gtttcactct tggaaccgaa gaaggttgaa gagttggcgt
                                                                     1800
ccttatccca agttaaggcg agtgaaccag ttgagccgaa gaagattgat agacagattc
                                                                     1860
gagtgttett ttetgtteee gagagegtag cagcaaaaat tgagetaeet gatteettet
                                                                     1920
ttaacctctc acgtgaggaa ttgagaagag aagcagagat gaggaagaag aaattagaag
                                                                     1980
attccaaatt attgattcct aaatcttatc gggaaaagca ggcaaaagct gcaagaaaga
                                                                     2040
agtacacaaa atccattatc cgtgtacagt ttccagatgg agcattgctt caaggtgtct
                                                                     2100
                                                                     2160
ttctaccttc ggagccaact agtgctcttt atgagtttgt gagcgcagcg ttaaaggaac
caagettaga gttegaattg ttacateegg tgettgttaa aaagegggtg atteeceatt
                                                                     2220
ttccagctgc tggggagagg gctgtaacag ttgaagagga ggatttggtt cctgcagctc
                                                                     2280
tactcaaatt taaacctatc gaaacagatt ctgttgtttt tactggtctt tgtaatgagc
                                                                     2340
ttcttgaaat tagcgagccc ctcgagaccg gatcagttgc ttcctcgtaa gctctaaatt
                                                                     2400
acatcagact ttgaattett etgagtgttg gaaacettat aaaactetet gegeegggaa
                                                                     2460
tgctgcggcc gctctagagt atccctcgag gggcccaagc ttacgcgtac ccagctttct
                                                                     2520
tgtacaaagt ggtgatatca caagcccggg cggtcttcta gggataacag ggtaattata
                                                                     2580
                                                                     2640
tecetetaga teacaageee gggeggtett etacgatgat tgagtaataa tgtgteaege
                                                                     2700
atcaccatgg gtggcagtgt cagtgtgagc aatgacctga atgaacaatt gaaatgaaaa
gaaaaaaagt actccatctg ttccaaatta aaattcattt taacctttta ataggtttat
                                                                     2760
                                                                     2820
acaataattg atatatgttt totgtatatg totaatttgt tatcatcogg goggtottot
agggataaca gggtaattat atccctctag acaacacaca acaaataaga gaaaaaacaa
                                                                     2880
ataatattaa titgagaatg aacaaaagga ccatatcatt cattaactct tctccatcca
                                                                     2940
                                                                     3000
tttccatttc acagttcgat agcgaaaacc gaataaaaaa cacagtaaat tacaagcaca
                                                                     3048
açaaatggta caagaaaaac agttttccca atgccataat actcgaac
₹210>
<211> 1302
<212> DNA
       Oryza sativa
<213>
atgatgaagg aaaagatgaa ggatctcatg aggaaggtca cctcctcctc ctcctcctc
                                                                       60
                                                                      120
tegtegteet ceteetteaa gggcacegee caegteeteg geteeggeee egaceeetee
                                                                      180
tecegecet ceaacetae ecetagtege ecegetgeec eceggegaga ggeegeegee
teegegagge egeceteete eggettegee ecetaeteee egeteatete caceteetee
                                                                      240
cgccgcaccg acccacccgc gggggcgggg gcgggggagg acgacgccgt cgcgtgcccc
                                                                      300
agetgegeeg agecgtteee etecgagetg geggtgtegg accaectega eggetgeete
                                                                      360
geggeggegg ggggageeeg ecceegegeg geegeetace tggeeggega ecceeeegeg
                                                                      420
                                                                      480
teegeegtgg aggtggtgaa gaggetgete gggaacetge teteegaeee eeggaacgae
                                                                      540
aagtacagga aggtcaggct cgggaacccg aggatcaagg aggccctggc ggacagggag
ggcggggtgg atctcctcga ggccgtgggg ttcagggtcg ccgacgaggg cggggagctc
                                                                      600
ttcgccctca tggacgaggt gcccggggac gcgaggctcg gcggcatcag gcaggccgtg
                                                                       660
ctectgeteg agagggeeeg gecategaeg cegeegeaga cacaggeaga tgecaaagag
                                                                      720
                                                                      780
acttgcccga atggagttag cgaagagcag gggattaaga agccggttga tcgtcagatt
```

cgggtgttct tctctgttgc tgcaagttct gttgcagaaa atgatctacc agattctttc Page 6

840

WO 2005/059147 PCT/EP2004/053594

## CD107PCT.ST25.txr

CD107PCT.ST25.txr												
tatagcctta gtaatgagga gatcaggaat gaggcaaaga tgaggaggga gaggctagaa caatctcggt tgttgattcc aaagtcatat aaggagaagc aggcactggc tgcccgacag aagtataaac aagctctgat tcgaattcag tttccggatg gagtaattct gcagggtgtg ttccttcccg cggagcccat tagttcacta tatgagtttg tcgcatcttc tttccaaaac caggggaaca ggcacgcaca ctgcgggatg aagacctagt ccttcttgaga ccagtgagc gttcacatct gcatcctat gagacctagt cctcttgaga ccagtgagc gttcacatct gcatcctcat ga												
<211> 433 <212> PRT <213> Oryza sativa												
<pre>&lt;400&gt; 7 Met Met Lys Glu Lys Met Lys Asp Leu Met Arg Lys Val Thr Ser Ser 1 10 15</pre>												
Ser Ser Ser Ser Ser Ser Ser Phe Lys Gly Thr Ala His Val 20 25 30												
Leu Gly Ser Gly Pro Asp Pro Ser Ser Arg Pro Ser Asn Pro Thr Pro 35 40 45												
Ser Arg Pro Ala Ala Pro Arg Arg Glu Ala Ala Ala Ser Ala Arg Pro 50 55 60 .												
Pro Ser Ser Gly Phe Ala Pro Tyr Ser Pro Leu Ile Ser Thr Ser Ser 65 70 75 80												
Arg Arg Thr Asp Pro Pro Ala Gly Ala Gly Ala Gly Glu Asp Asp Ala 85 90 95												
Val Ala Cys Pro Ser Cys Ala Glu Pro Phe Pro Ser Glu Leu Ala Val 100 105 110												
Ser Asp His Leu Asp Gly Cys Leu Ala Ala Ala Gly Gly Ala Arg Pro 115 120 125												
Avg Ala Ala Ala Tyr Leu Ala Gly Asp Pro Pro Ala Ser Ala Val Glu 130 135 140												
Val Val Lys Arg Leu Leu Gly Asn Leu Leu Ser Asp Pro Arg Asn Asp 145 150 155 160												
Lys Tyr Arg Lys Val Arg Leu Gly Asn Pro Arg Ile Lys Glu Ala Leu 165 170 175												
Ala Asp Arg Glu Gly Gly Val Asp Leu Leu Glu Ala Val Gly Phe Arg 180 185 190												
Val Ala Asp Glu Gly Glu Leu Phe Ala Leu Met Asp Glu Val Pro 195 200 205												
Gly Asp Ala Arg Leu Gly Gly Ile Arg Gln Ala Val Leu Leu Glu 210 215 220												
Arg Ala Arg Pro Ser Thr Pro Pro Gln Thr Gln Ala Asp Ala Lys Glu 225 235 240 Page 7												

WO 2005/059147 PCT/EP2004/053594

# CD107PCT.ST25.txr

Thr	Cys	Pro	Asn	Gly 245	Val	Ser	Glu	Glu	Gln 250	Gly	Ile	Lys	Lys	Pro 255	Val
Asp	Arg	Gln	11e 260	Arg	Val	Phe	Phe	Ser 265	Val	Ala	Ala	Ser	Ser 270	Val	Ala
Glu	Asn	Asp 275	Leu	Pro	Asp	Ser	Phe 280	Tyr	Ser	Leu	Ser	Asn 285	Glu	Glu	Ile
Arg	Asn 290	Glu	Ala	Lys	Met	Arg 295	Arg	Glu	Arg	Leu	Glu 300	Gln	Ser	Arg	Leu
Leu 305	Ile	Pro	Lys	Ser	Tyr 310	Lys	Glu	Lys	Gln	Ala 315	Leu	Ala	Ala	Arg	Gln 320
Lys	Tyr	Lys	Gln	Ala 325	Leu	Ile	Arg	Ile	Gln 330	Phe	Pro	Asp	Gly	Val 335	Ile
Leu	Gln	Gly	Val 340	Phe	Leu	Pro	Ala	Glu 345	Pro	Ile	Ser	Ser	Leu 350	Tyr	Glu
Phe	Val	Ala 355	Ser	Ser	Leu	Lys	Gln 360	Pro	Ser	Leu	Glu	Phe 365	Asp	Leu	Ile
Cys	Pro 370	Ala	Gly	Pro	Arg	Thr 375	Arg	Val	Ile	Pro	Pro 380	Phe	Pro	Lys	Pro
Gly 385	Glu	Gln	Ala	Arg	Thr 390	Leu	Arg	Asp	Glu	Asp 395	Leu	Val	Pro	Ser	Ala 400
Arg	Leu	Thr	Phe	Lys 405	Pro	Lys	Glu	Thr	Asp 410	Ser	Val	Val	Phe	Thr 415	Gly
Leu	Leu	Asp	Glu 420	Leu	Leu	Glu	Thr	Ser 425	Glu	Pro	Phe	Thr	Ser 430	Ala	Ser

مخز